

-- 1. (Amended) A color cathode ray tube comprising a display screen, an electron gun for generating three electron beams, said electron beams being directed towards the display screen, and deflection means for generating a magnetic field in a first direction for deflecting the electron beams across the display screen, said electron gun comprising a centering cup having a first part provided with a central aperture and two outer apertures for passing the three electron beams, and a second part extending in the direction of the display screen for avoiding sparks, the centering cup being provided with slits for reducing the effects of eddy currents, wherein the centering cup comprises a first bridge and a second bridge that form the slits between the first and second parts, wherein a first line drawn between a first end of the first bridge and a first end of the second bridge intersects a second line drawn between a second end of the first bridge and a second end of the second bridge, and the bisectrix of the intersecting lines is substantially parallel to the first direction.

2. (Amended) A color cathode ray tube as claimed in claim 1, wherein the first part comprises a plate provided with the central aperture and the two outer apertures, and wherein the slits are substantially parallel to the plate.

3. (Amended) A color cathode ray tube as claimed in claim 1, wherein the lengths of the slits are at least 50% of the diameter of the centering cup.

4. (Amended) A color cathode ray tube as claimed in claim 1, wherein the second part forms a circular symmetric jacket.

5. (Amended) A color cathode ray tube as claimed in claim 1, wherein the first and second parts form respective circular symmetric jackets.

7. (Amended) A color cathode ray tube as claimed in claim 1, wherein each slit has a width of about 0.1 mm.

8. (New) A color cathode ray tube, comprising:
a glass envelop having a display screen and a neck;
an electron gun for emitting electron beams towards said display screen; and
a deflection coil for producing a magnetic field in a direction that deflects said electron beams across said display screen;

wherein said electron gun includes a centering cup having a first part with apertures for passing said electron beams and a second part that extends from said first part toward said display screen;

wherein said centering cup has slits formed by a first bridge and by a second bridge; and

wherein bisectors of acute angles formed by a first line drawn between a first end of said first bridge and a first end of said second bridge, and a second line drawn between a second end of said first bridge and a second end of said second bridge are substantially parallel to said direction.

9. (New) A color cathode ray tube as claimed in claim 8, wherein said first part includes a plate with apertures for passing said electron beams.

10. (New) A color cathode ray tube as claimed in claim 9, wherein said slits are substantially parallel to said plate.

11. (New) A color cathode ray tube as claimed in claim 9, wherein said slits have lengths that are at least 50% of a circumference of said centering cup.

12. (New) A color cathode ray tube as claimed in claim 9, wherein said first part includes a plate having tongues that form said first and second bridges.

13. (New) A color cathode ray tube as claimed in claim 12, wherein said first part includes an insert that extends away from said second part.

14. (New) A color cathode ray tube as claimed in claim 13, wherein said apertures pass through said insert.

15. (New) A color cathode ray tube as claimed in claim 13, wherein centers of said tongues align in said direction.

16. (New) A color cathode ray tube as claimed in claim 9, further including a second coil that is disposed around said neck.

17. (New) A color cathode ray tube as claimed in claim 16, wherein said second coil is a scan-velocity modulating coil.

18. (New) A color cathode ray tube as claimed in claim 16, wherein said second coil produces an alternating electromagnetic field.

19. (New) A color cathode ray tube as claimed in claim 9, wherein said second part forms a jacket.

20. (New) A color cathode ray tube as claimed in claim 9, wherein each slit has a width of about 0.1 mm.

REMARKS

Claims 1-5 and 7-20 are pending in the application, including new claims 8-20.

The Office action objects to the drawings, and rejects claim 6 under 35 USC §112, first paragraph, because of a ring element. In response, claim 6 is canceled. Accordingly, withdrawals of the objection to the drawings and the USC §112, first paragraph rejection of claim 6 are respectfully requested.

The Office action rejects claim 1 under 35 USC §112, second paragraph, for reciting, in line 12, a limitation of "the first direction" for which the Examiner did not find an